Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121168.D
Acq On : 31 Jul 2020 19:57
Operator : JU/CG
Sample : L3518-47 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13

Quant Time: Jul 31 23:11:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128286	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	483450	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	237660	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	411974	20.00	ng		0.00
76) Chrysene-d12	13.96	240	316897	20.00	ng		0.00
86) Perylene-d12	15.42	264	369180	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	115075	14.71	ng		-0.01
7) Phenol-d6	6.43	99	135705	13.42	ng		-0.02
23) Nitrobenzene-d5	7.35	82	92040	11.02	ng		-0.02
42) 2,4,6-Tribromophenol	10.62	330	35059	13.48	ng		-0.01
45) 2-Fluorobiphenyl	9.15	172	184538	11.59	ng		-0.01
79) Terphenyl-d14	12.90	244	149317	10.24	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	11730	2.041	ng	#	79
25) Isophorone	7.35	82	92039	5.520	ng	#	62
49) Acenaphthylene	9.69	152	84599	3.684	ng		98
51) 2,6-Dinitrotoluene	9.83	165	31393	8.522	ng	#	27
71) Phenanthrene	11.35	178	168892	7.971	ng		99
75) Fluoranthene	12.53	202	126536	5.388	ng		99
78) Pyrene	12.76	202	176675	7.886	ng		98
81) Benzo(a)anthracene	13.99	228	76295	3.976	ng		95
83) Chrysene	13.99	228	76295	3.783	ng		96
88) Benzo(b)fluoranthene	14.99	252	95247	4.268	ng	#	93
89) Benzo(k)fluoranthene	14.99	252	95247	4.680	ng	#	93
90) Benzo(a)pyrene	15.35	252	72089	3.541	ng		98
92) Benzo(g,h,i)perylene	17.27	276	64785	3.133	ng		97

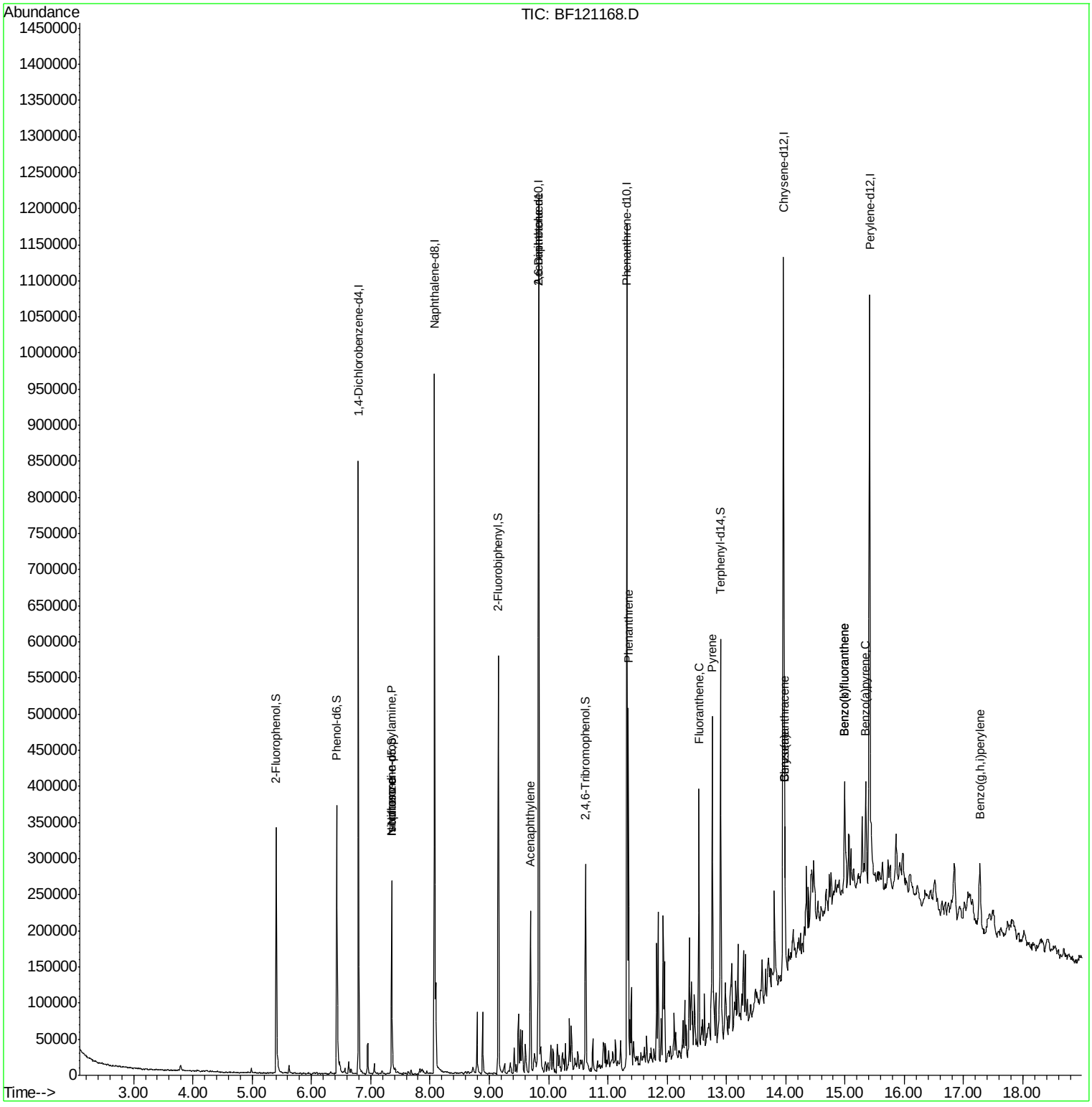
(#) = qualifier out of range (m) = manual integration (+) = signals summed

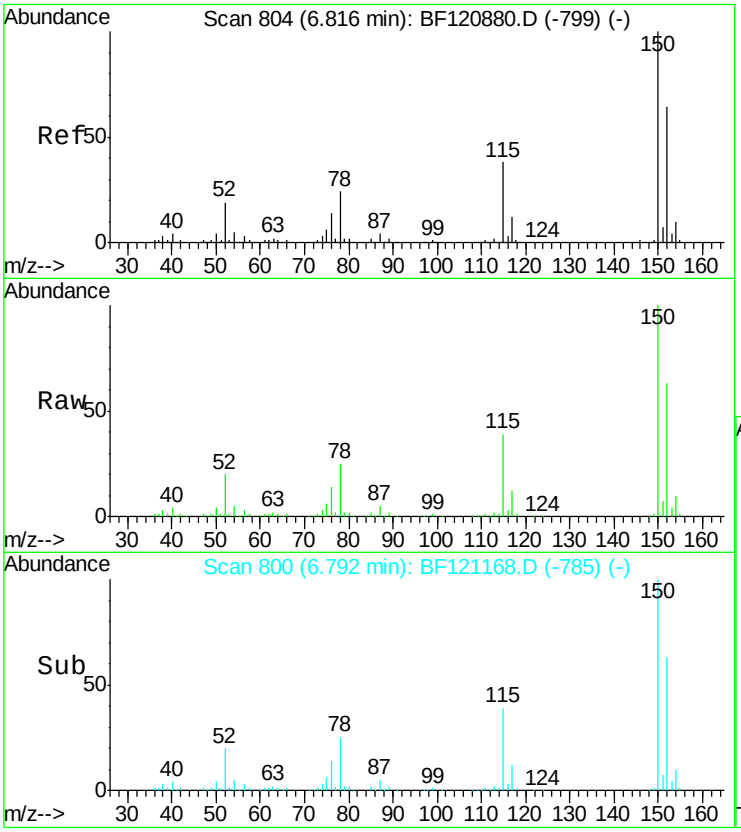
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121168.D
Acq On : 31 Jul 2020 19:57
Operator : JU/CG
Sample : L3518-47 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13

Quant Time: Jul 31 23:11:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration



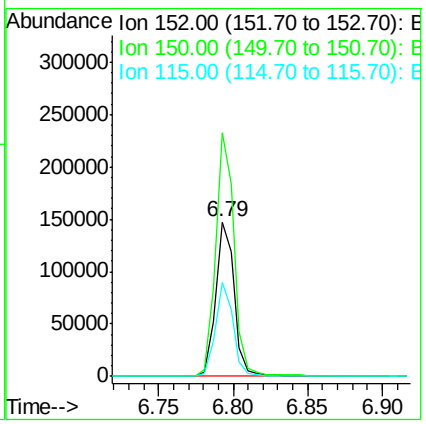


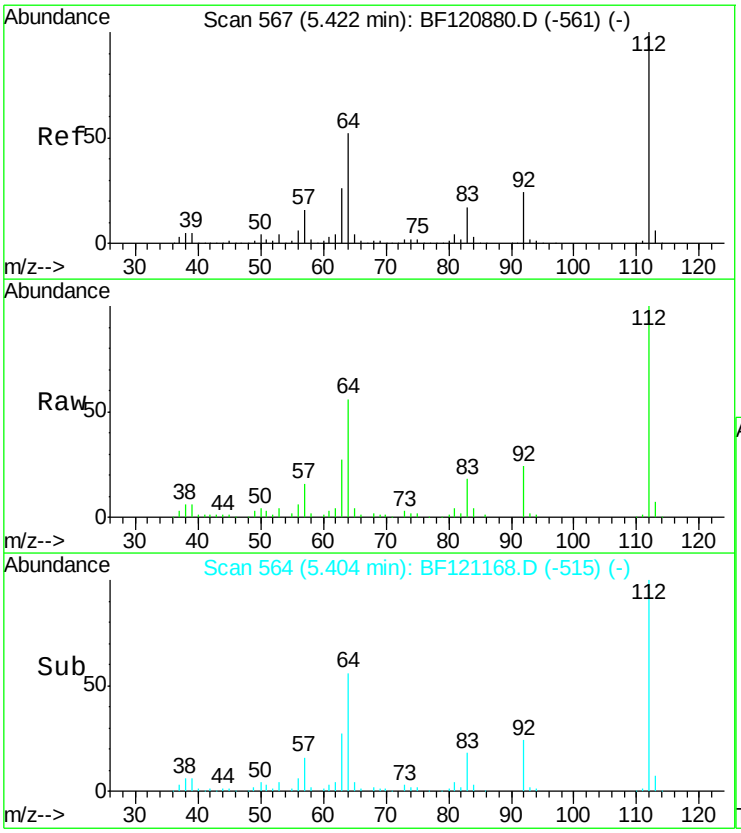
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:152 Resp: 128286

Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.6	188.4
115	61.2	46.2	69.2

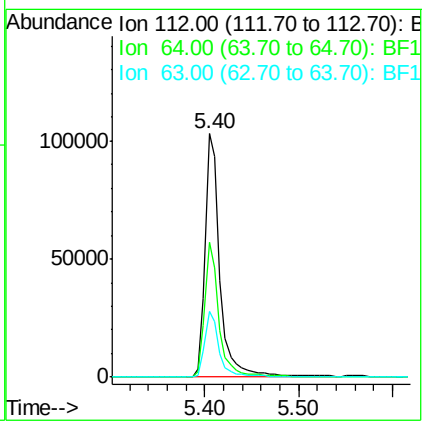


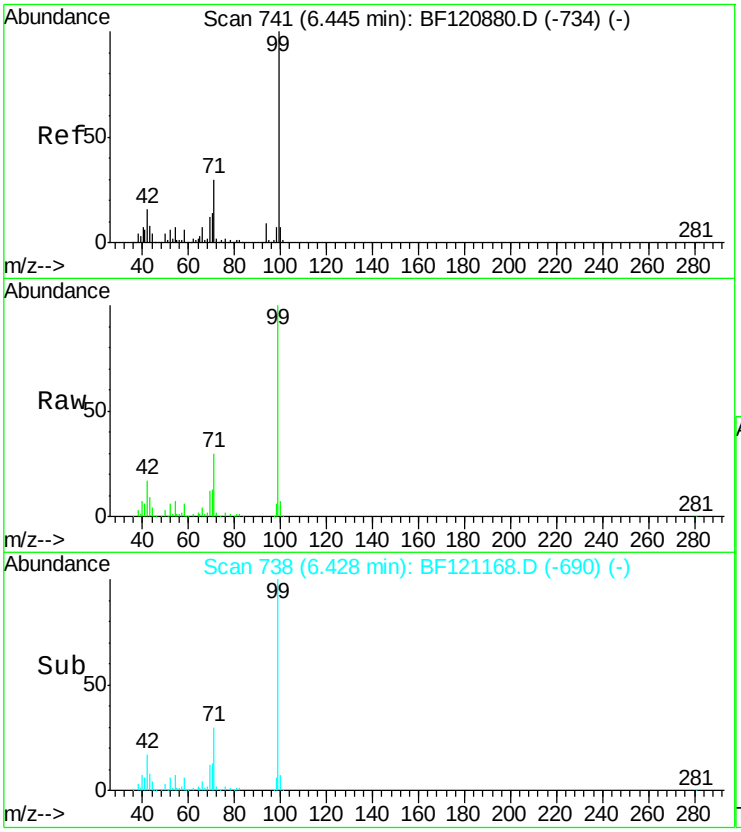


#5
2-Fluorophenol
Concen: 14.705 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion:112 Resp: 115075

Ion	Ratio	Lower	Upper
112	100		
64	55.5	43.9	65.9
63	27.0	22.7	34.1



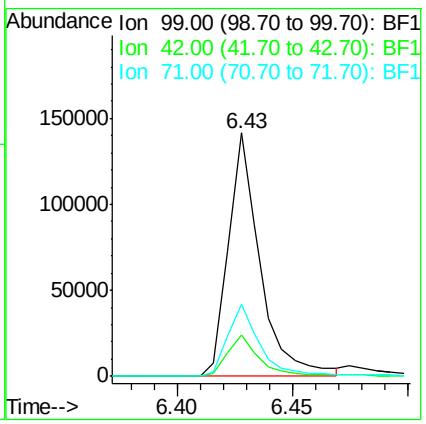


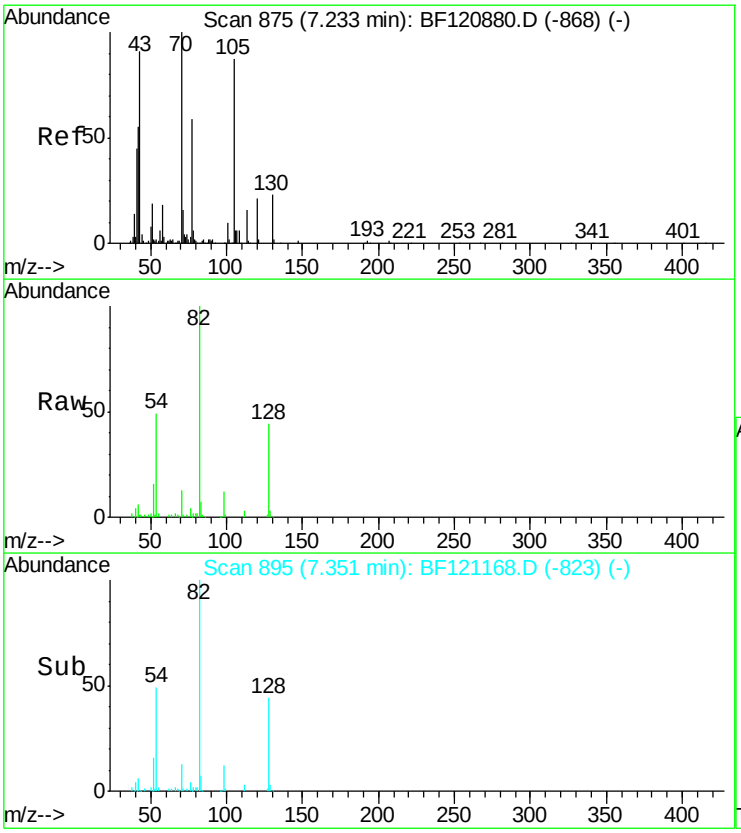
#7
Phenol-d6
Concen: 13.425 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 99 Resp: 135705

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	29.7	25.0	37.4

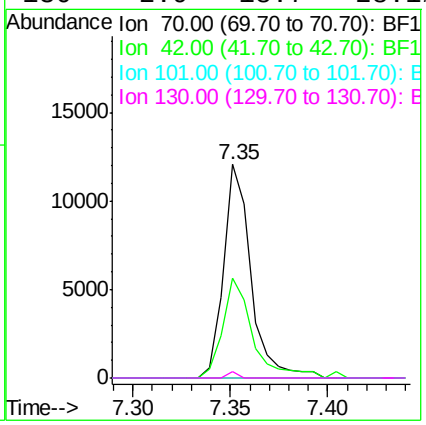


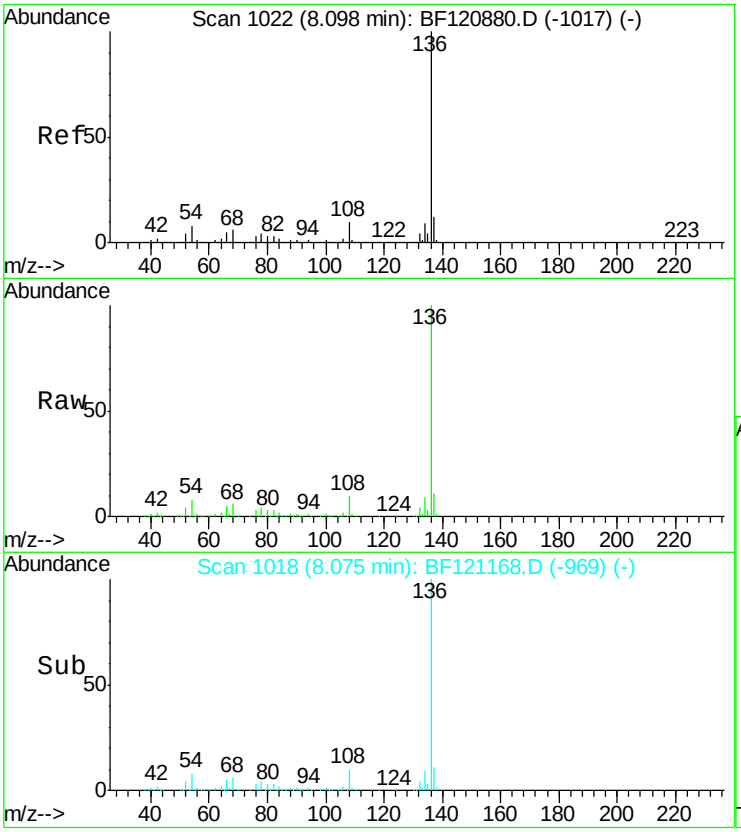


#19
n-Nitroso-di-n-propylamine
Concen: 2.041 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.12 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion: 70 Resp: 11730

Ion	Ratio	Lower	Upper
70	100		
42	46.9	43.3	64.9
101	0.0	8.4	12.6#
130	2.9	18.7	28.1#



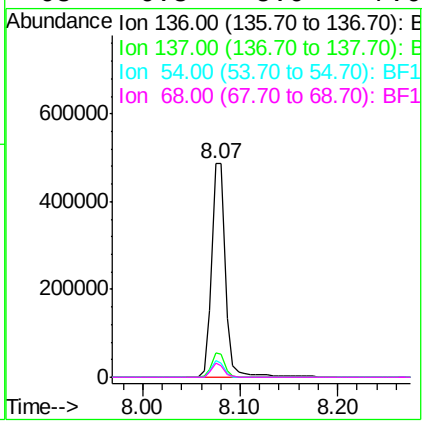


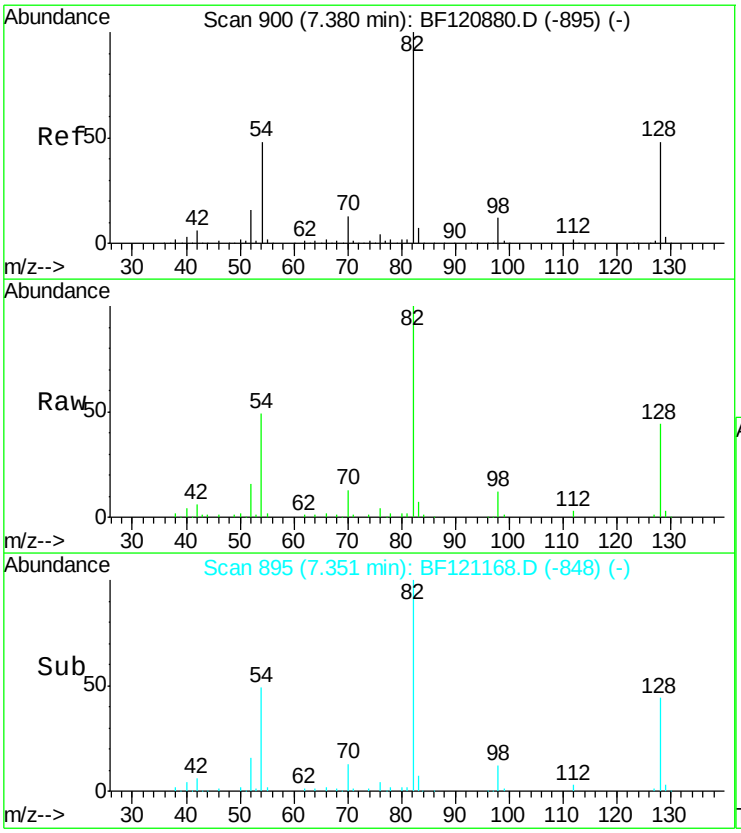
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:136 Resp: 483450

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.6	6.1	9.1
68	6.3	5.0	7.6

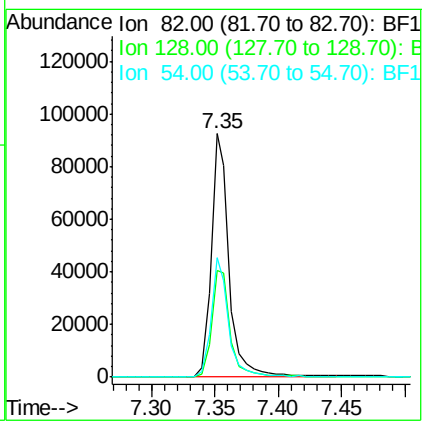


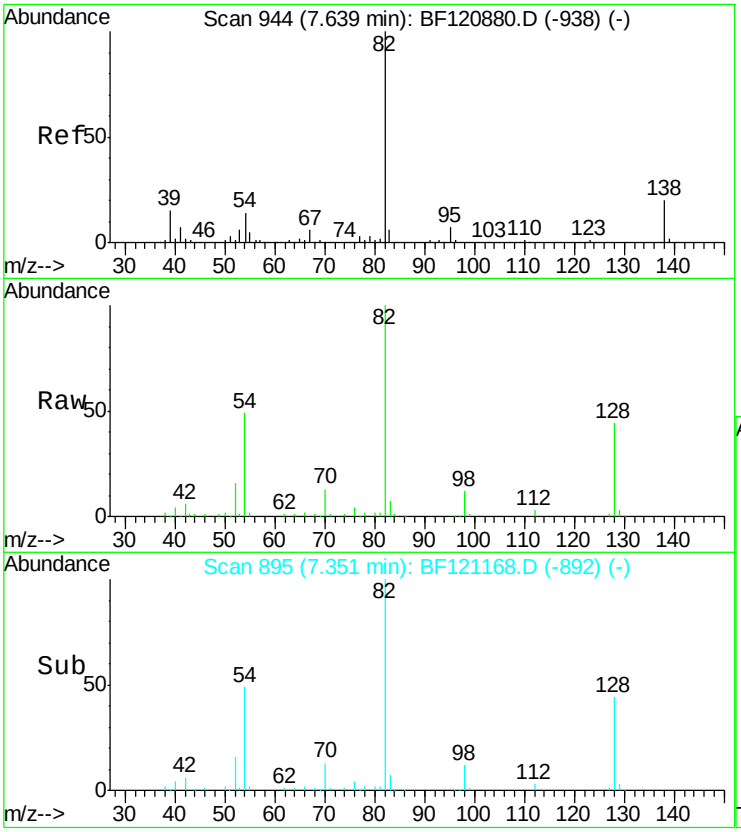


#23
Nitrobenzene-d5
Concen: 11.016 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion: 82 Resp: 92040

Ion	Ratio	Lower	Upper
82	100		
128	44.0	39.2	58.8
54	49.3	37.8	56.8



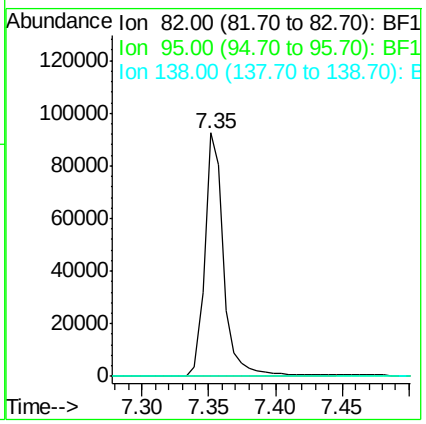


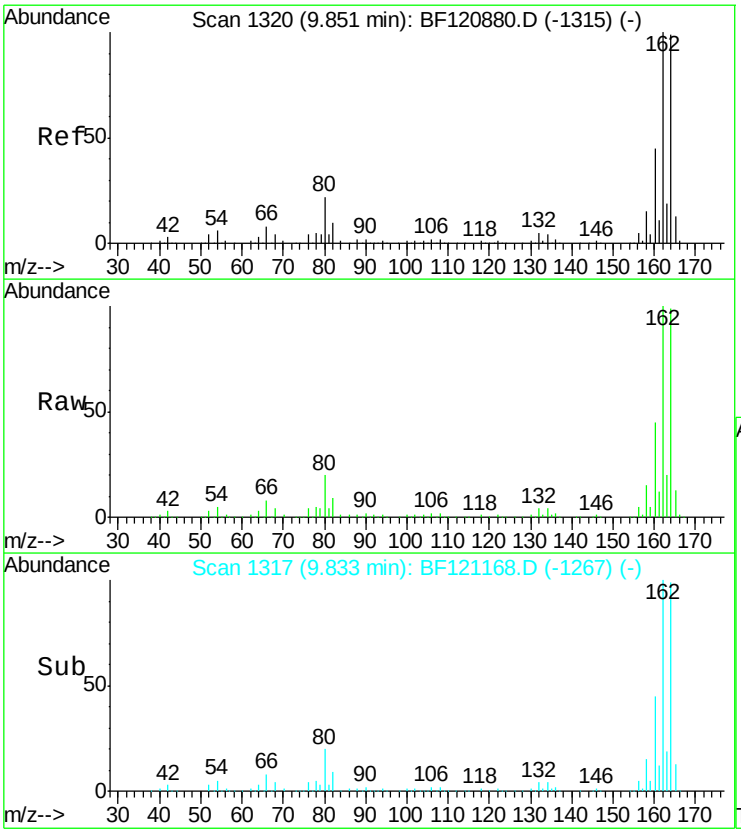
#25
Isophorone
Concen: 5.520 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.28 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 82 Resp: 92039

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	16.2	24.2#

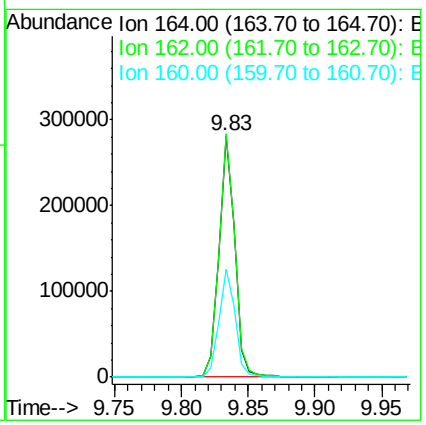


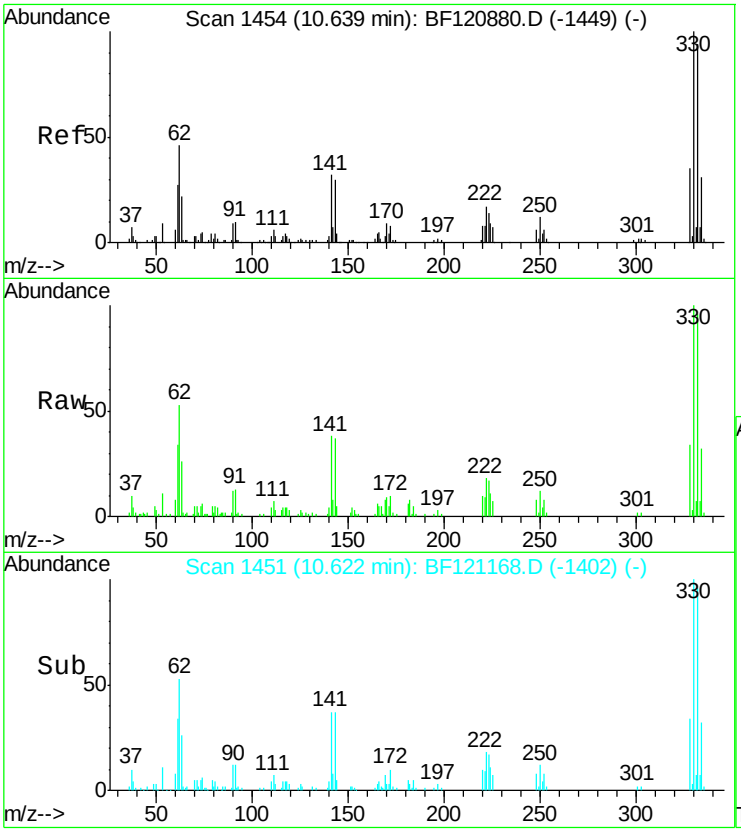


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion:164 Resp: 237660

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	45.0	37.2	55.8



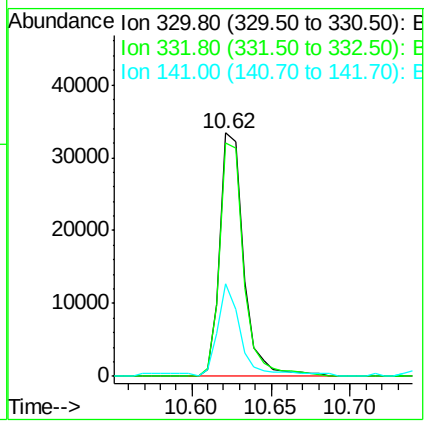


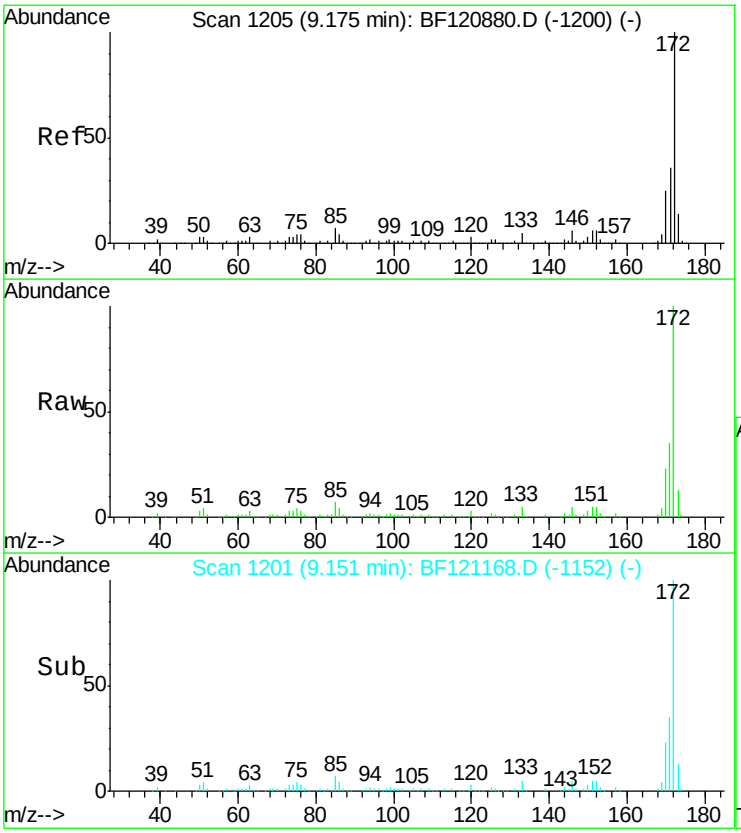
#42
2,4,6-Tribromophenol
Concen: 13.477 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:330 Resp: 35059

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.1	114.1
141	37.4	24.1	36.1#

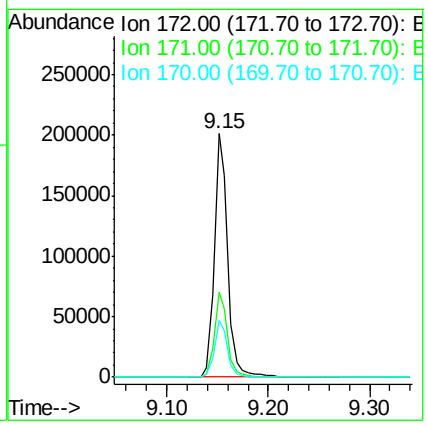


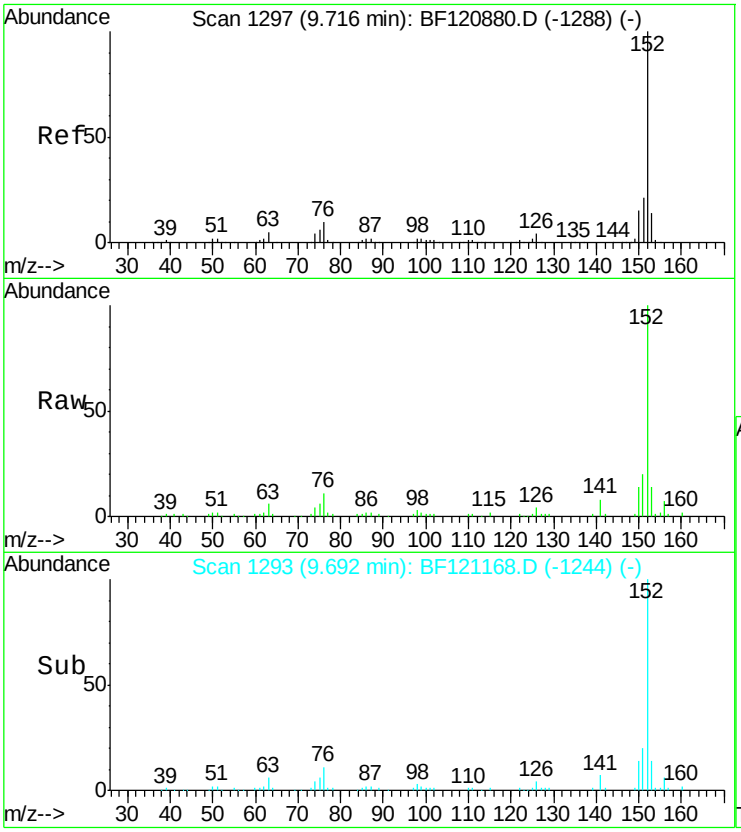


#45
2-Fluorobiphenyl
Concen: 11.593 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion:172 Resp: 184538

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.4
170	23.2	19.6	29.4



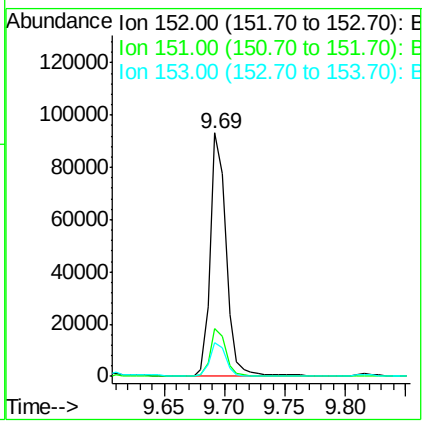


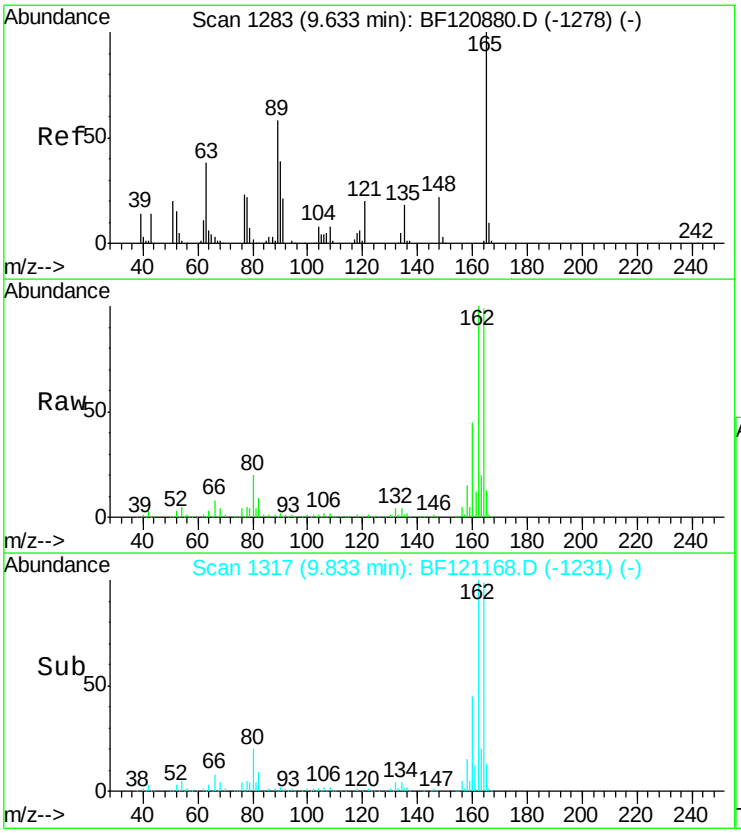
#49
Acenaphthylene
Concen: 3.684 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:152 Resp: 84599

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.6	25.0
153	14.0	11.0	16.4

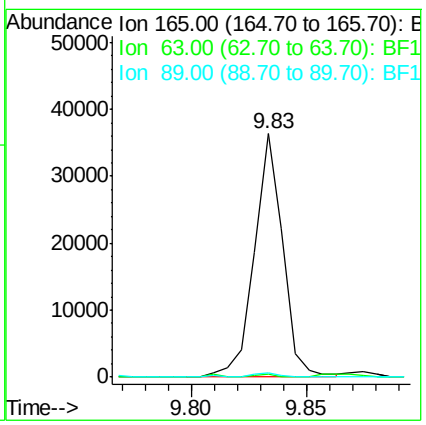


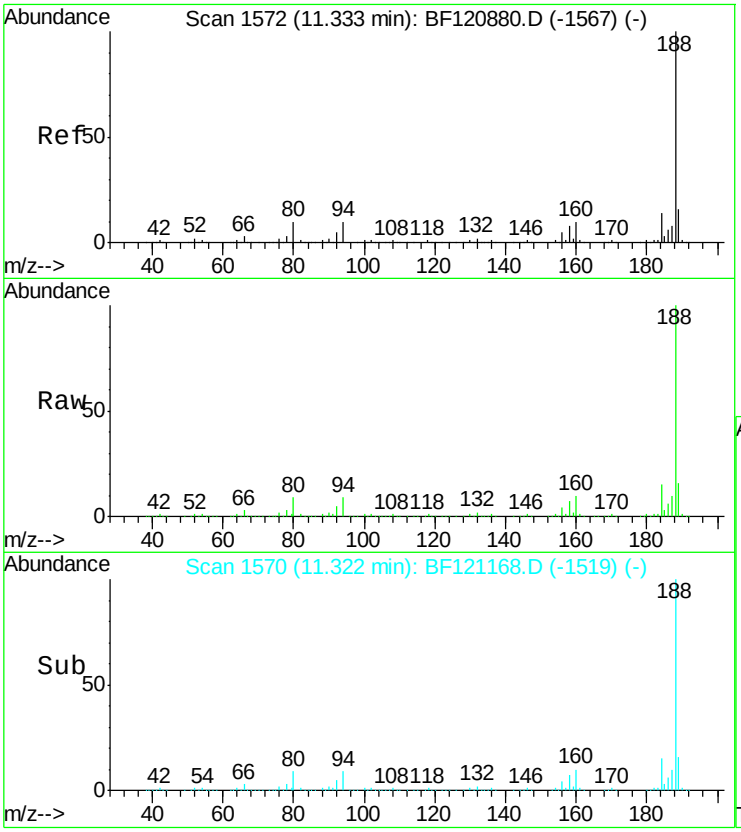


#51
2,6-Dinitrotoluene
Concen: 8.522 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion:165 Resp: 31393

Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.1	61.7#
89	1.6	43.5	65.3#



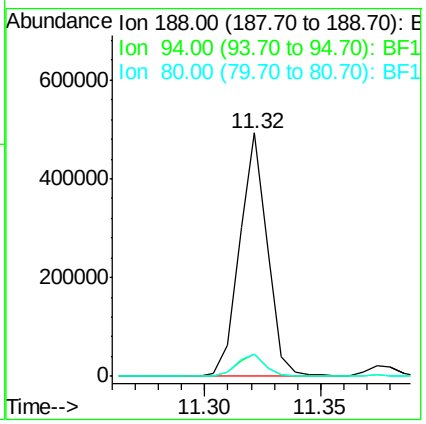


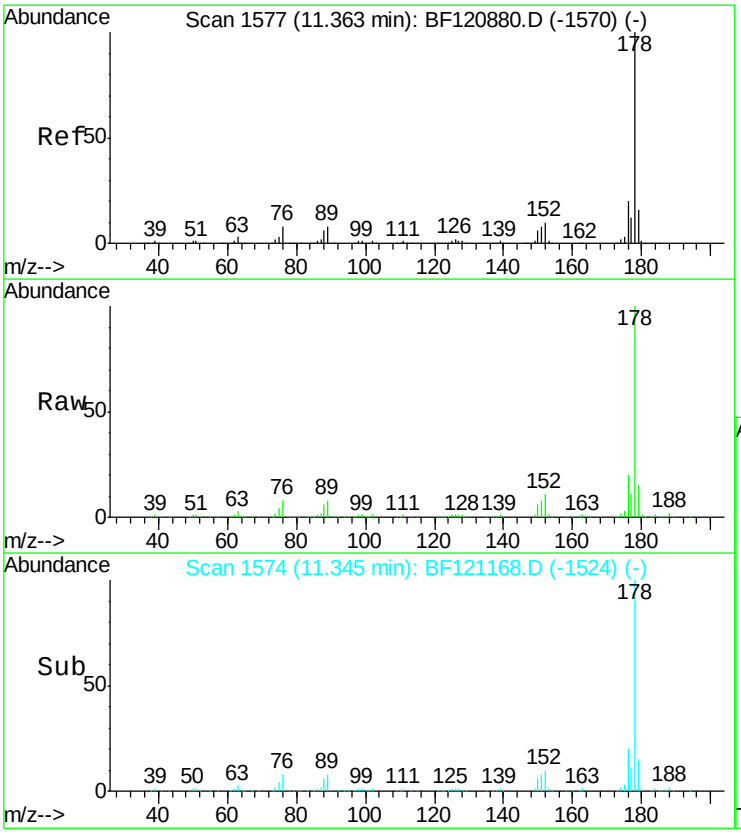
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:188 Resp: 411974

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	9.4	8.3	12.5

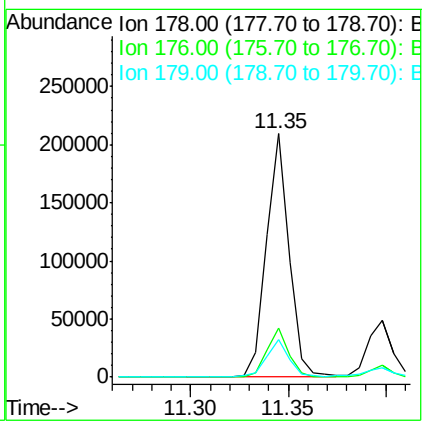


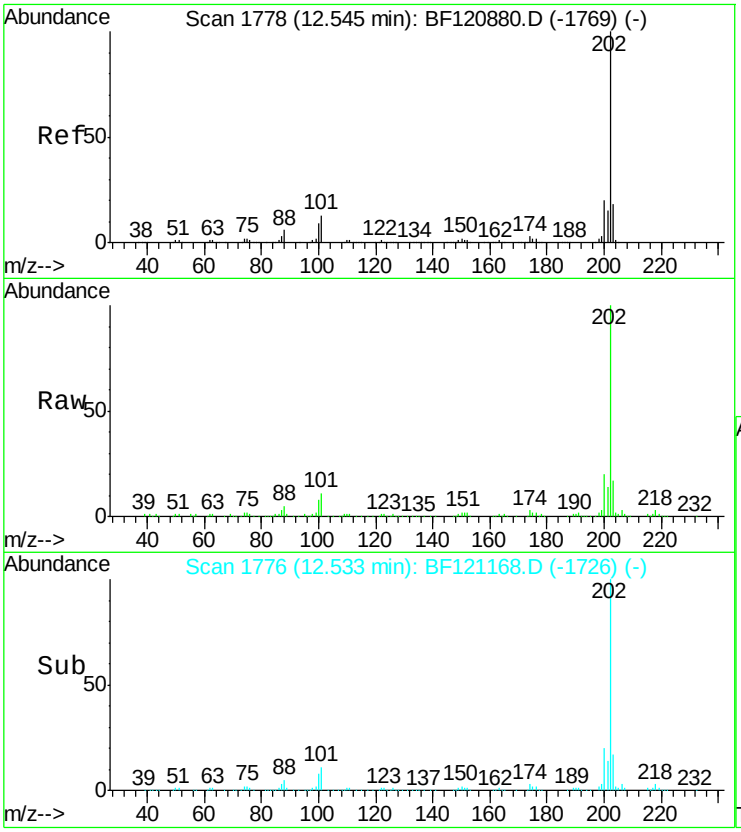


#71
Phenanthrene
Concen: 7.971 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion:178 Resp: 168892

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.2
179	15.5	12.6	19.0



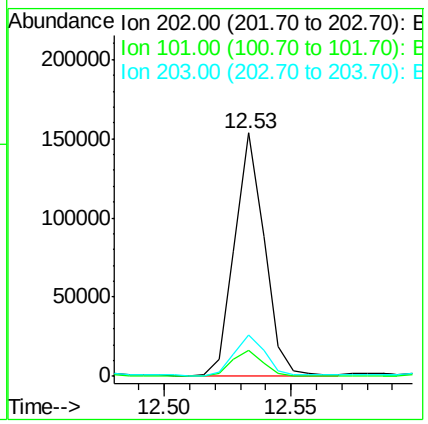


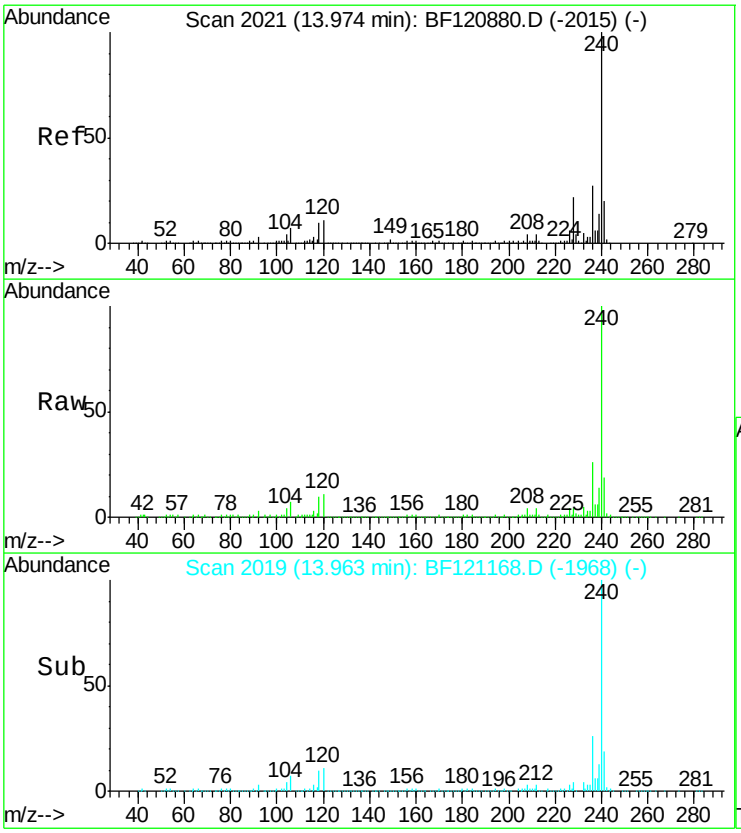
#75
Fluoranthene
Concen: 5.388 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:202 Resp: 126536

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.5
203	17.0	0.0	37.7

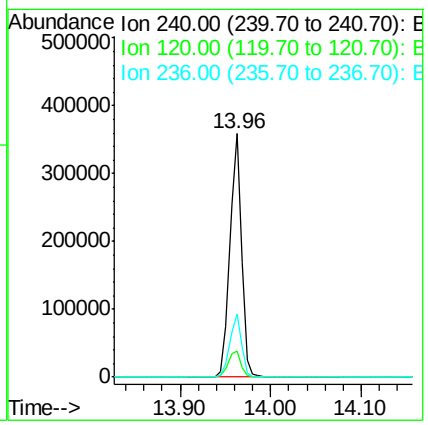


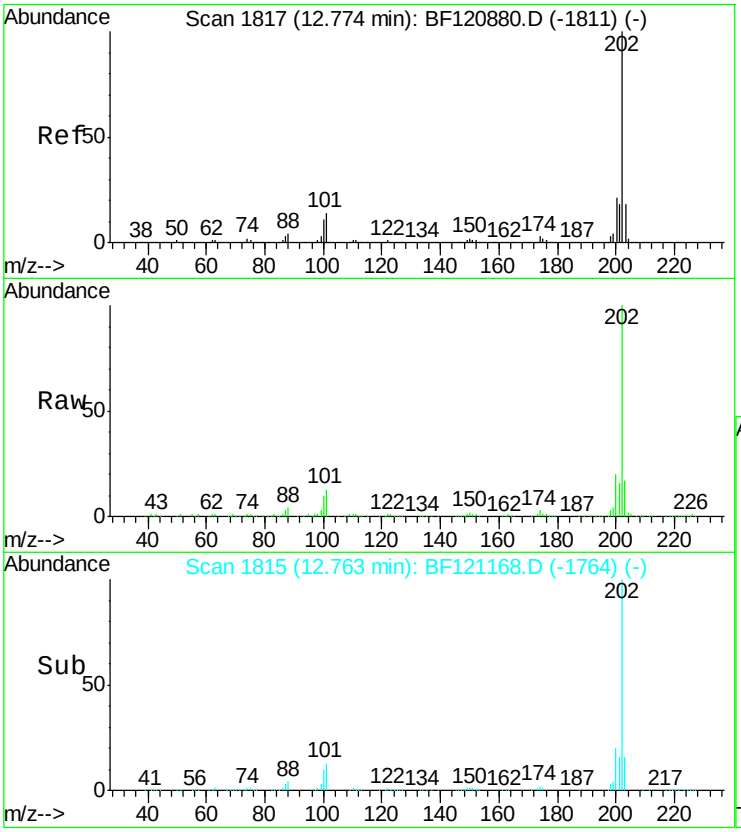


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion:240 Resp: 316897

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.3	13.9
236	26.2	21.1	31.7



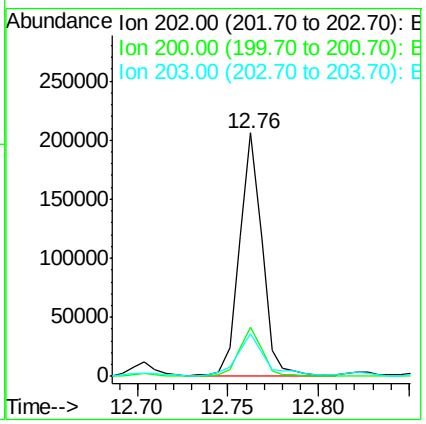


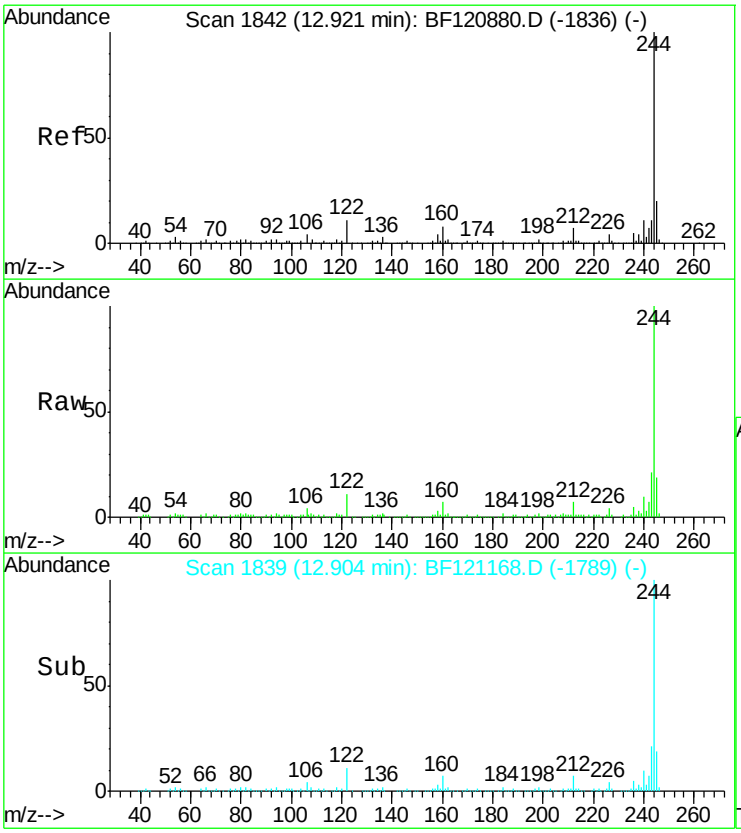
#78
Pyrene
Concen: 7.886 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:202 Resp: 176675

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.6
203	17.5	14.6	21.8

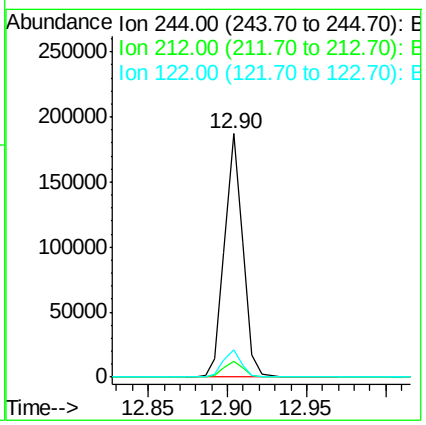


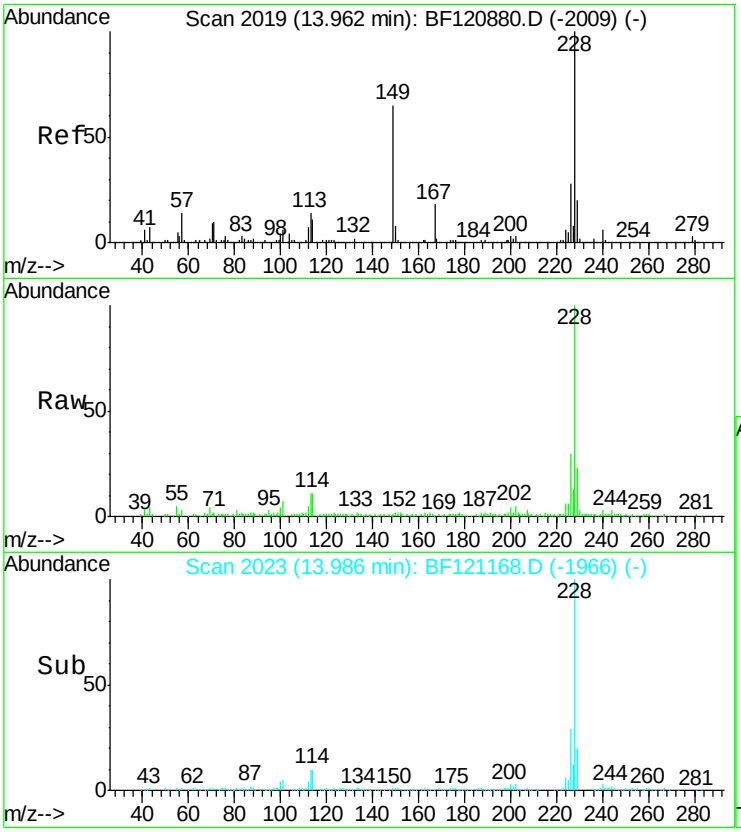


#79
Terphenyl-d14
Concen: 10.243 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion:244 Resp: 149317

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.1	8.3	12.5



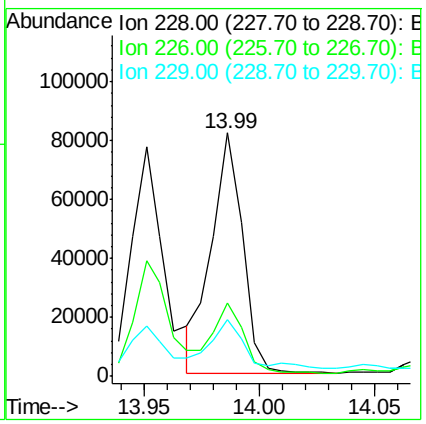


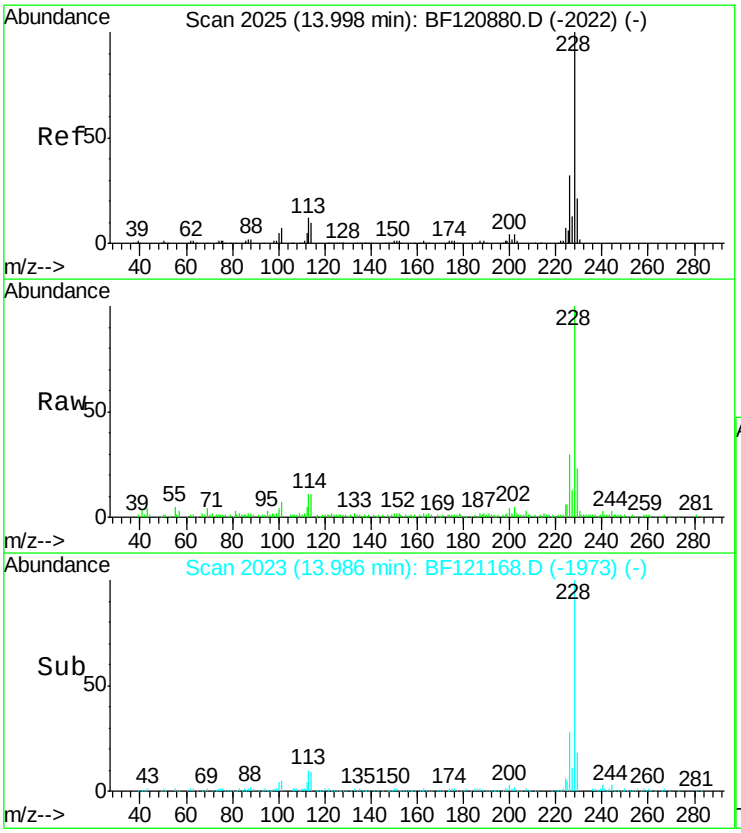
#81
Benzo(a)anthracene
Concen: 3.976 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.04 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:228 Resp: 76295

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	34.0
229	23.1	16.1	24.1

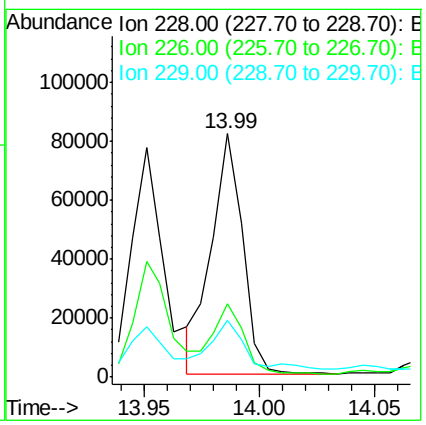


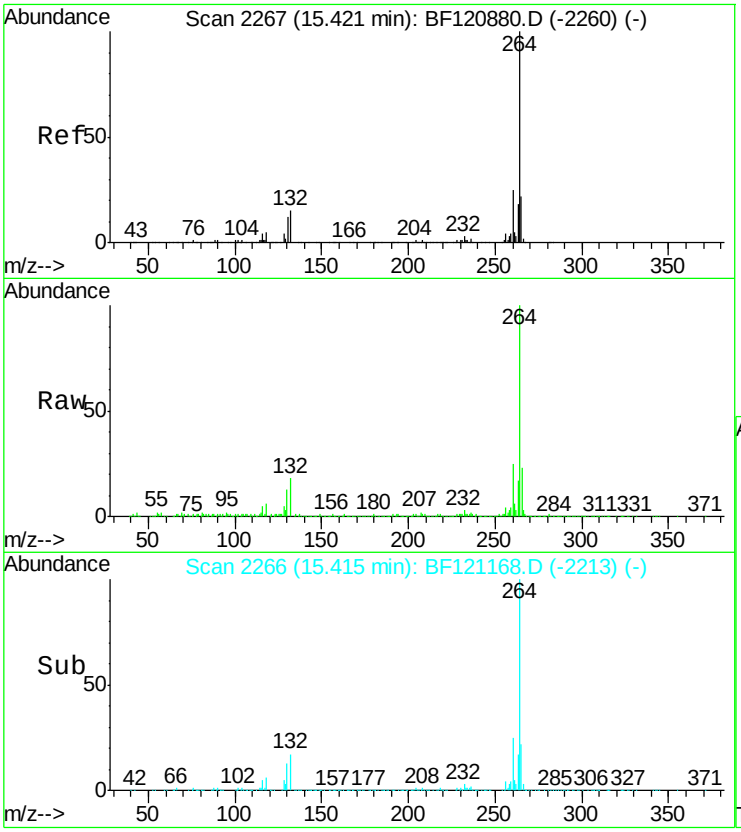


#83
Chrysene
Concen: 3.783 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion:228 Resp: 76295

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.0
229	23.1	16.2	24.4



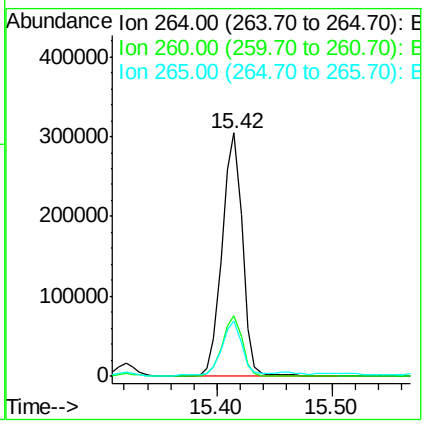


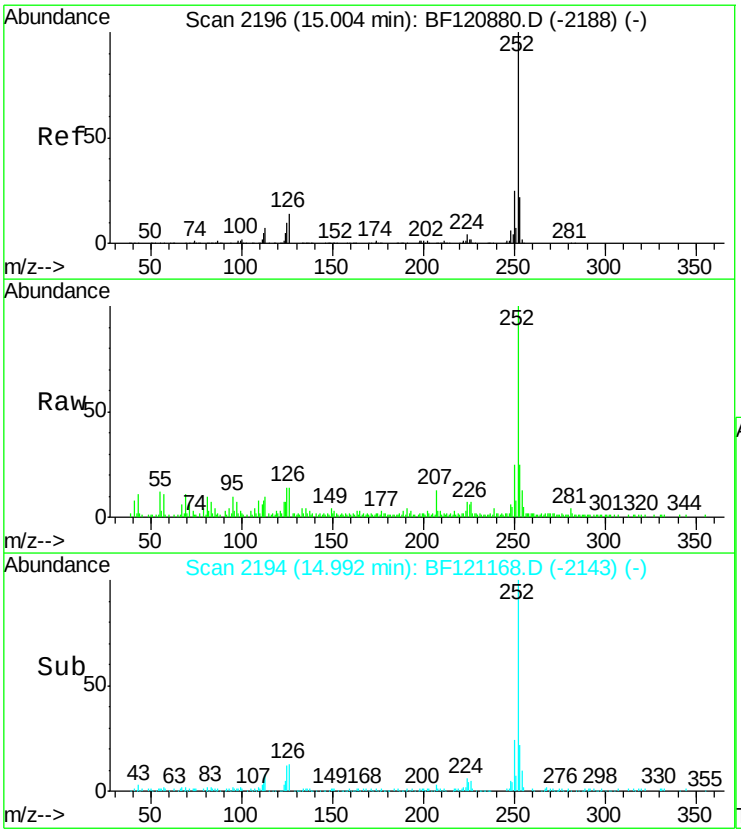
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:264 Resp: 369180

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.9	29.9
265	22.6	17.8	26.8

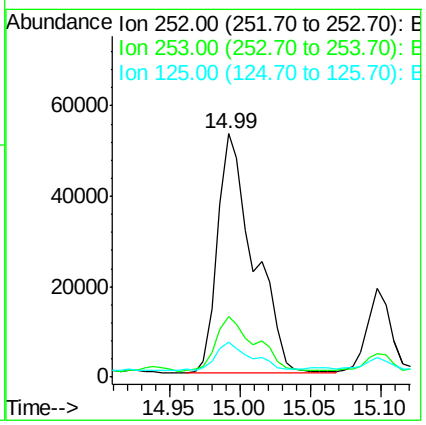


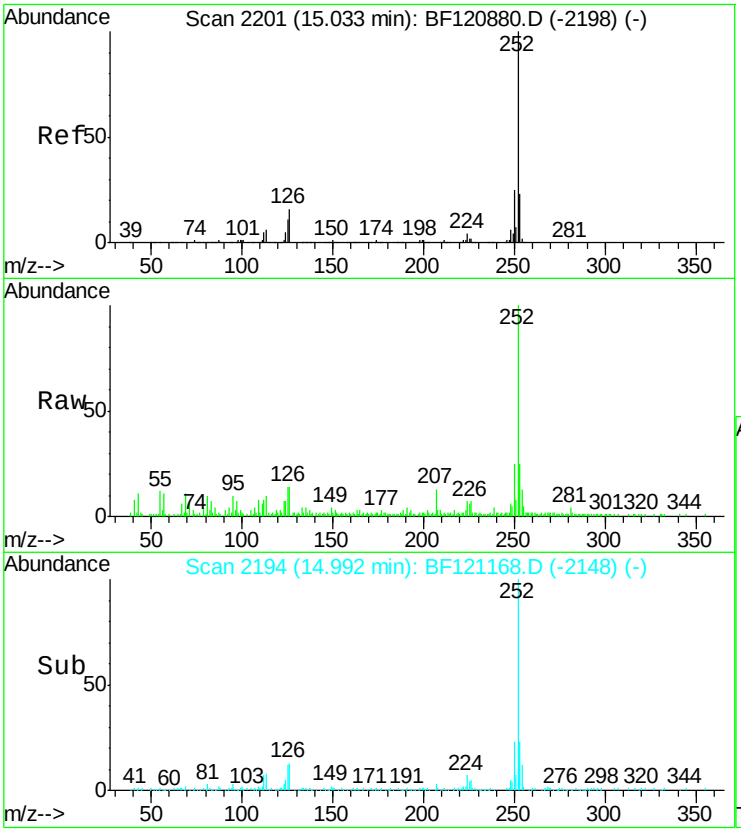


#88
Benzo(b)fluoranthene
Concen: 4.268 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion:252 Resp: 95247

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	14.4	8.1	12.1#



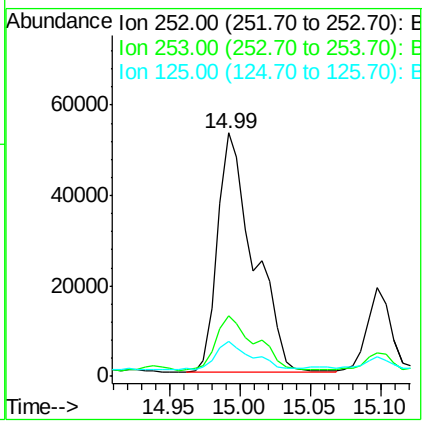


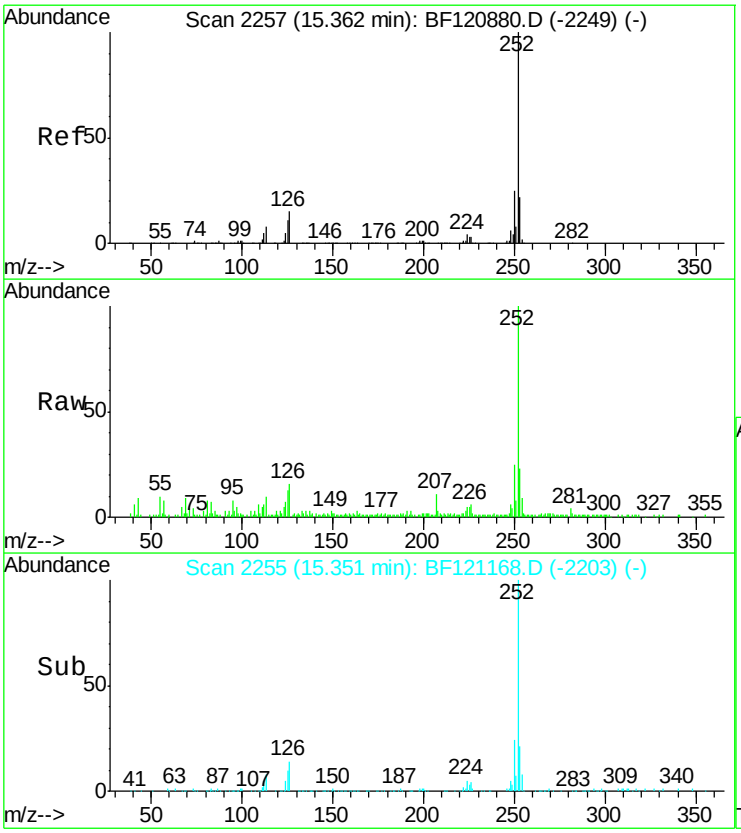
#89
Benzo(k)fluoranthene
Concen: 4.680 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.03 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:252 Resp: 95247

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	14.4	8.0	12.0#

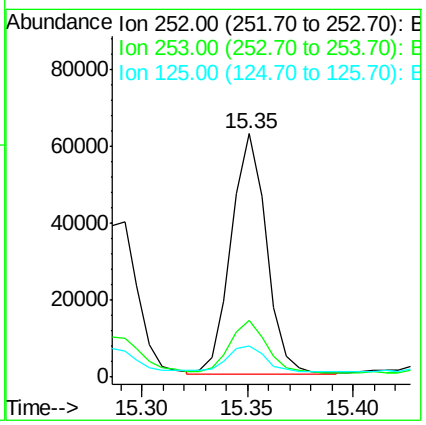


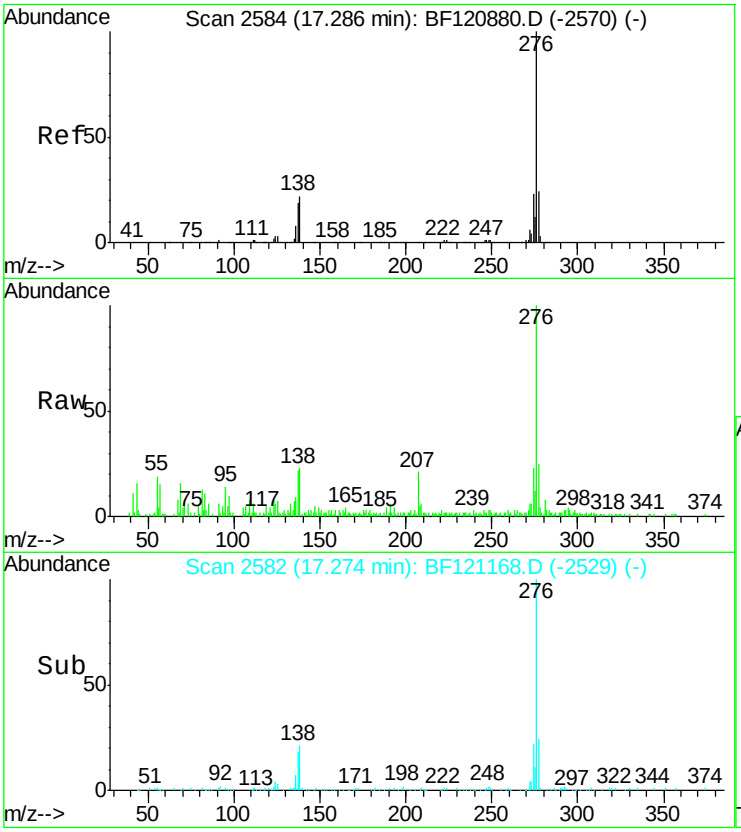


#90
Benzo(a)pyrene
Concen: 3.541 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Tgt Ion:252 Resp: 72089

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	12.8	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 3.133 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF121168.D
Acq: 31 Jul 2020 19:57

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:276 Resp: 64785

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.4	29.0
138	23.4	17.2	25.8